

New
Improved

Battery Operated

with

Double Gun Technology

FLUSHING, CLEANING & LUBRICATING DEVICE FOR SPINDLES

A Must for Spindle Speeds upto 25000 RPM

Only Machine
which moistens Neck
Bearing **TWICE** by Jet
Spray of clean & fresh oil
to remove sediments
& carbon particles



SPI-RA-CLEAN

*** 3 Separate Tanks**

Most Ideal Device for appropriate lubrication of Bolsters of Ring Frame, Doubling Frame and TFO

SPI-RA-CLEAN

Flushing, Cleaning and Oiling Device for Spindle

Flushing and Cleaning

- ◆ Due to simultaneous suction and feeding, used oil is extracted and micro filtered and redelivered in the same insert for thorough flushing and removal of dirt without contact with fresh oil.
- ◆ After filtering, oil is delivered by jet spray on the neck bearing for moistening & removal of sediments. Then returns to flushing tank leaving insert dry.
- ◆ Same machine can be used for various types and sizes of bolsters of Ring Frame, doubling, TFO.

Oiling with Fresh Oil

- ◆ Nozzle design (H) predetermines exact quantity of oil to be delivered in insert.
- ◆ No chance of manual error during deciding oil quantity to be delivered.
- ◆ No need for checking of oil level before topping.
- ◆ Only machine with 3 separate tanks for cleaning, oiling and topping operations.
 - ◆ Cleaning oil tank for cleaning operation only.
 - ◆ Separate tank for fresh oil for oiling inserts.
 - ◆ Topping tank ensures no used oil is mixed up with fresh oil during topping process.
 - ◆ Simple for operation and maintenance.
 - ◆ Easily moved among Ring Frames.
 - ◆ No need of removal of ring rail during cleaning & oiling operation.

Based on design & Technology from:

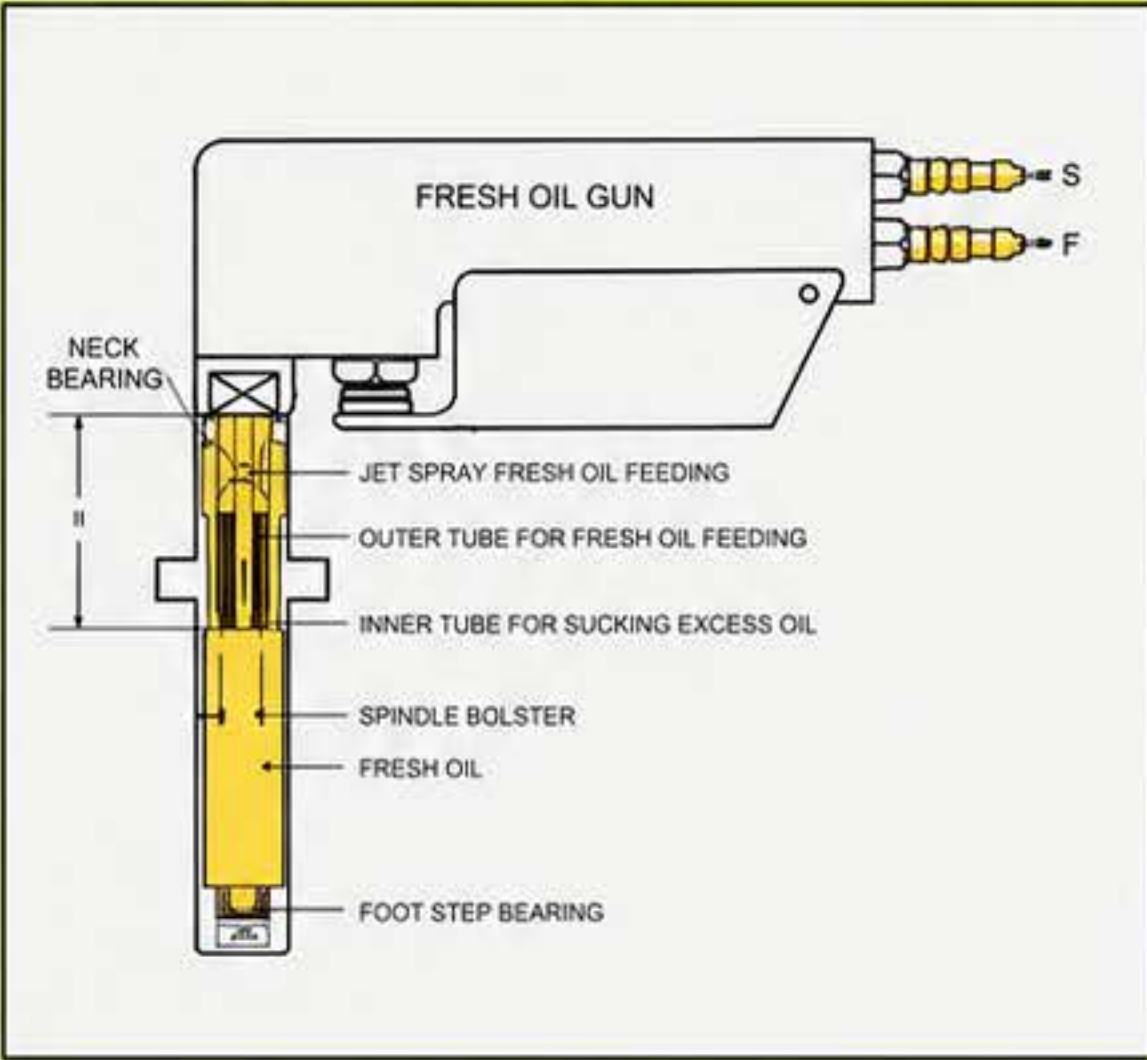
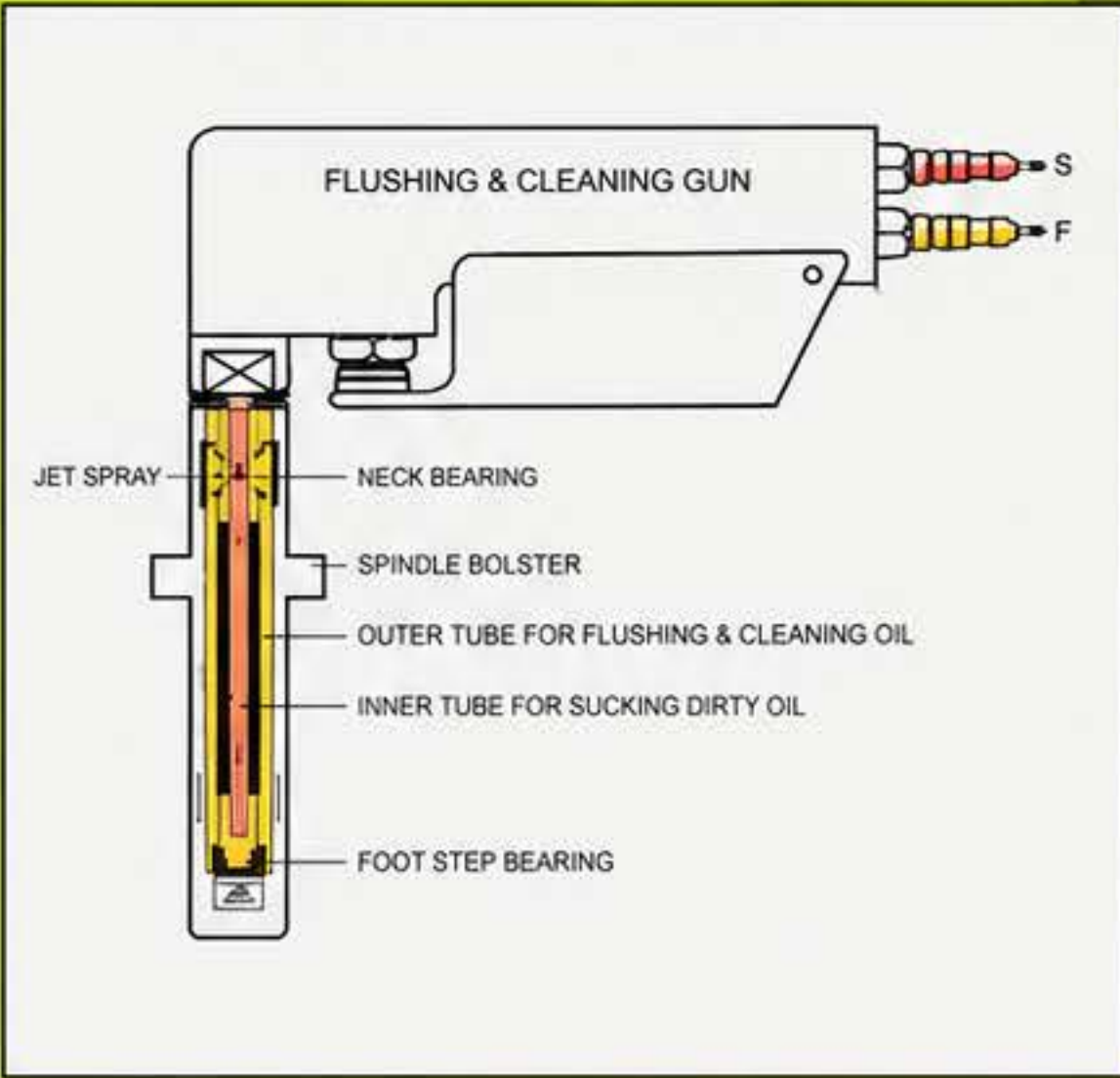
NIHON SPINDLE JAPAN

Who have supplied over 5,000 units to -
Japan, U.S.A., Korea, Thailand, Philippines, Pakistan, India etc.

Export from:

EXEMPLAR INDIA

Bangladesh, Indonesia, Thailand, Taiwan, Vietnam, Korea,
Uzbekistan, Bahrain, Nepal



SPECIFICATIONS

Tank Capacity	For Cleaning & Flushing	16ℓ
	For Fresh Oiling	20ℓ
Filter	2 Nos. 20 micron filters on cleaning line	
	1 No dust separator of 20 micron on oiling line	
Battery	12V 42Ah	Exide make
Motor	12 100/120W	3000 rpm
Pumps	Specially Designed gear pump with dual operation	
Nozzles	According to Insert Type	
Dimensions	730 (L) X 310 (W) X 875 (H)	



EXEMPLAR

EXEMPLAR ENTERPRISES

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